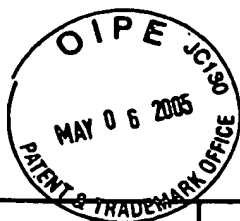


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Substitute for form 1449A/B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

## Complete if Known

Application Number	10/658,964
Filing Date	September 9, 2003
First Named Inventor	Sylvan, Dale A.
Group Art Unit	3683
Examiner Name	Kramer, Devon C.
Attorney Docket Number	86518-0028US

## U.S. PATENT DOCUMENTS

Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date if Appropriate
		Application or Patent Number	Kind Code			
DR	5	3,578,119		Auriol	May 11, 1971	
	6	4,287,978		Staub, Jr.	Sep. 8, 1981	
	7	5,819,888		Tamura et al.	Oct. 13, 1998	
DR	8	2002/046912	A	Suzuki	Apr. 25, 2002	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
		Office	Application or Patent Number	Kind Code			Yes	No**
DR	9	GB	2114689	A	Polstar Engineering	Aug. 24, 1983		
DR	10	WO	2003/062115	A	Otis Elevator Co.	Jul. 31, 2003		

## OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**

Examiner Signature

*Devon C. Kramer*

Date Considered

5/19/07

\* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

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